

5' G CGG TGG TGA CTG AGC TAC GAG CCT GGC GGC GGG TGT GCG CCG AGC CCC GGC

CCG GCC CGG CCC TCG CGT GCC TCC CAG GCT CCG CAC CCC TGA TGC TGC GCG GGT

GCT GAG CCC GCT TCG GCC GGG ACG ATG GTG AAG TAT TTC CTG GGC CAG AGC GTG

CTC CGG AGT TCC TGG GAC CAA GTG TTC GCC GCC TTC TGG CAG CGG TAC CCG AAT

CCC TAT AGC AAA CAT GTC TTG ACG GAA GAC ATA GTA CAC CGG GAG GTG ACC CCT

GAC CAG AAA CTG CTG TCC CGG CGA CTC CTG ACC AAG ACC AAC AGG ATG CCA CGC

TGG GCC GAG CGA CTA TTT CCT GCC AAT GTT GCT CAC TCG GTG TAC GTC CTG GAG

GAC TCT ATT GTG GAC CCA CAG AAT CAG ACC ATG ACT ACC TTC ACC TGG AAC ATC

AAC CAC GCC CGG CTG ATG GTG GTG GAG GAA CGA TGT GTT TAC TGT GTG AAC TCT

GAC AAC AGT GGC TGG ACT GAA ATC CGC CGG GAA GCC TGG GTC TCC TCT AGC TTA

TTT GGT GTC TCC AGA GCT GTC CAG GAA TTT GGT CTT GCC CGG TTC AAA AGC AAC

GTG ACC AAG ACT ATG AAG GGT TTT GAA TAT ATC TTG GCT AAG CTG CAA GGC GAG

GCC CCT TCC AAA ACA CTT GTT GAG ACA GCC AAG GAA GCC AAG GAG AAG GCA AAG

FIGURE 1A

		711			720			729			738			747			756
GAG	ACG	GCA	CTG	GCA	GCT	ACA	GAG	AAG	GCC	AAG	GAC	CTC	GCC	AGC	AAG	GCG	GCC
E	T	A	L	A	A	T	E	K	A	K	D	L	A	S	K	A	A
		765			774			783			792			801			810
ACC	AAG	AAG	CAG	CAG	CAG	CAG	CAA	CAG	TTT	GTG	TAG	CCA	GTC	TAC	CAC	CAC	CAC
T	K	K	Q	Q	Q	Q	Q	Q	F	V							
		819			828			837			846			855			
AGC	ACC	CCA	GAC	AGC	TAG	GCT	TAG	CCC	CTC	TGC	CCT	CCC	TTC	ATT	GTA	CT	3'

FIGURE 1B

1	MV	KY	FL	QG	SV	LL	RS	SW	DQ	VFA	AF	WQ	RY	PN	PY	SK	HV	LT	ED	I	V	2344864																				
1	M	G	K	Y	C	A	S	L	G	V	L	K	G	P	W	D	Q	V	F	A	F	WQ	RY	PN	PY	SK	HV	LT	ED	I	V	GI 969170										
41	H	R	E	V	T	P	D	Q	K	L	L	S	R	R	L	L	T	K	T	N	R	M	P	R	W	A	E	R	L	F	P	A	N	V	A	H	S	V	Y	V	2344864	
41	H	R	E	V	T	A	D	H	K	L	L	S	R	R	L	L	T	K	T	N	R	M	P	R	W	A	E	R	F	F	P	A	N	V	A	H	N	V	Y	I	GI 969170	
81	L	E	D	S	I	V	D	P	P	O	N	Q	T	M	T	T	F	T	W	N	I	N	H	A	R	L	M	V	V	E	E	R	C	V	Y	C	V	N	S	D	N	2344864
81	V	E	D	S	I	V	D	E	K	N	R	T	M	T	T	F	T	W	N	I	N	H	A	R	L	M	A	V	E	E	R	C	V	Y	R	V	N	P	E	N	GI 969170	
121	S	G	W	T	E	I	R	R	E	A	W	V	S	S	S	L	F	G	V	S	R	A	V	Q	E	F	G	L	A	R	F	K	S	N	V	T	K	T	M	K	2344864	
121	S	S	W	T	E	V	K	R	E	A	W	V	S	S	S	L	F	G	V	S	R	A	V	Q	E	F	G	L	A	R	F	K	S	N	V	T	K	S	T	K	GI 969170	
161	G	F	E	Y	I	L	A	K	L	Q	G	E	A	P	S	K	T	L	V	E	T	A	K	E	A	K	E	K	E	T	A	L	A	A	T	E	K	A	2344864			
161	G	F	E	Y	V	L	A	R	M	Q	G	E	A	P	S	K	T	L	V	E	T	A	K	E	A	T	E	K	E	T	A	L	A	A	T	E	K	A	GI 969170			
201	K	D	L	A	S	K	A	A	T	K	K	Q	Q	Q	Q	F	V																						2344864			
201	K	D	L	A	S	K	A	A	T	K	K	Q	Q	Q	F	V																						GI 969170				

FIGURE 2

T05E50" STEE6860

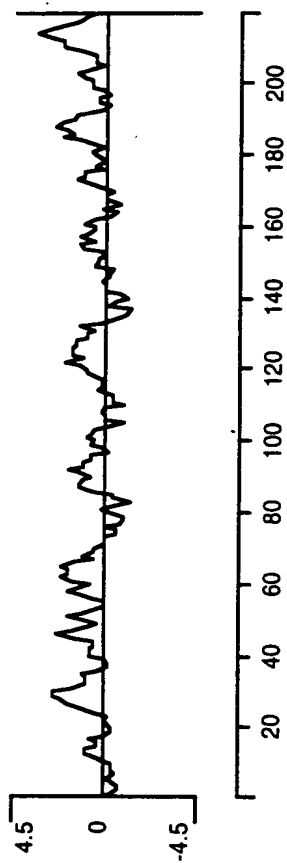


FIGURE 3A

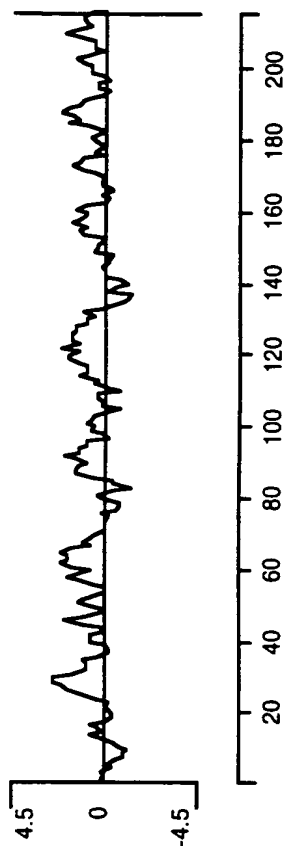


FIGURE 3B